CLAIMS

What is claimed is:

1. In a computer operating system using commands with command specifications in command definition files, a method for generating command documentation content, said method comprising the steps of:

a) examining a command definition file for a syntactic structure;

b) extracting a documentation requirement from said syntactic structure;

c) extracting documentation options from said syntactic structure; and

d) combining said documentation requirement and said documentation options into a documentation tag construct.

2. The method as recited in Claim 1 wherein said method is performed automatically.

3. The method as recited in Claim 2 further comprising the steps of:

e) copying said command definition file into a second command definition file; and

f) embedding said documentation tag construct into said second command definition file.

4. The method as recited in Claim 2 further comprising the step of:

g) generating a template for a documentation content file.

5. The method as recited in Claim 4 wherein said step g) comprises the steps of:

g1) examining available fields for fitable values;

g2) choosing a best fit value from among said fitable values;

g3) removing embedded commas;

g4) replacing embedded blanks with separator characters;

g5) selectively reordering names of said syntactic structure;

g6) removing definite and indefinite articles to form a first product; and

g7) surrounding said first product by diacritical markers to form a final product.

6. The method as recited in Claim 1 wherein said operating system comprises an internetworking operating system.

7. A computer system comprising:

a bus;

a memory coupled to said bus; and

a processor coupled to said bus and implementing an operating system, said processor performing a method for generating command documentation content, said method comprising the steps of:

a) examining a command definition file for a syntactic structure;

b) extracting a documentation requirement from said syntactic structure;

c) extracting documentation options from said syntactic structure; and

d) combining said documentation requirement and said documentation options into a documentation tag construct.

8. The computer system as recited in Claim 7 wherein said method further comprises the steps of:

e) copying said command definition file into a second command definition file; and

f) embedding said documentation tag construct into said second command definition file.

9. The computer system as recited in Claim 7 wherein said method further comprises the step of:

g) generating a template for a documentation content file.

10. The computer system as recited in Claim 9 wherein said step g) of said method further comprises the steps of:

g1) examining available fields for fitable values;

g2) choosing a best fit value from among said fitable values;

g3) removing embedded commas;

g4) replacing embedded blanks with separator characters;

g5) selectively reordering denominations;

g6) removing definite and indefinite articles to form a first product; and

g7) surrounding said first product by diacritical markers to form a final product.

11. A computer usable medium having a computer readable program code embodied therein for causing a computer system to perform the steps of:

a) examining a command definition file for a syntactic structure;

b) extracting a documentation requirement from said syntactic structure;

c) extracting documentation options from said syntactic structure; and

d) combining said documentation requirement and said documentation options into a documentation tag construct.

12. The computer usable medium as recited in Claim 11 wherein said computer readable code embodied therein further causes said computer system to perform the steps of:

e) copying said command definition file into a second command definition file; and

f) embedding said documentation tag construct into said second command definition file.

13. The computer usable medium as recited in Claim 11 wherein said computer readable code embodied therein further causes said computer system to perform the step of:

g) generating a template for a documentation content file.

14. The computer usable medium as recited in Claim 13 wherein said computer readable code embodied therein further causes said computer system to perform the steps of:

g1) examining available fields for fitable values;

g2) choosing a best fit value from among said fitable values;

g3) removing embedded commas;

g4) replacing embedded blanks commas with separator characters;

g5) selectively reordering denominations;

g6) removing definite and indefinite articles to form a first product; and

g7) surrounding said first product by diacritical markers to form a final product.

15. A system for automatically generating command documentation content for commands of a computer operating system, said system comprising:

a) means for examining a command definition file for a syntactic structure;

b) means for extracting a documentation requirement from said syntactic structure;

c) means for extracting any documentation option from said syntactic structure; and

d) means for combining said documentation requirement and any said documentation option into a documentation tag construct.

16. The system as recited in Claim 17, further comprising:

e) means for copying said command definition file into a second command definition file; and

f) means for embedding said documentation tag construct into said second command definition file.

17. The system as recited in Claim 15, further comprising:

g) means for generating a template for a documentation content file.

18. The system as recited in Claim 17, wherein said step g) comprises:

g1) means for examining available fields for fitable values;

g2) means for choosing a best fit value from among said fitable value;

g3) means for removing embedded commas;

g4) means for replacing embedded blanks with separator characters;

g5) means for selectively reordering denominations;

g6) means for removing grammatical articles to form a first product; and

g7) means for surrounding said product by diacritical markers to form a final product.

19. The system as recited in Claim 15 wherein said operating system is an internetworking operating system.